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**AUTHORIZATION OF AGENT** 

Application Number	10/055,511	
Filing Date	January 23, 2002	
First Named Inventor	Matthew L. Parsons et al.	
Group Art Unit	3731	
Examiner Name	Unassigned	
Attorney Docket Number	5224	

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OR			100 S		536				
☑ Firm <i>or</i> Individual Name	Genzyme Corporation	Genzyme Corporation							
Address	15 Pleasant St. Connector								
Address	Legal Department								
City	Framingham		·			7			
Country	USA	State	MA	ZIP	01701-93		70		
Telephone	(508) 270-2582	Fax	(508) 872-5	415		.00 JUL	RECEIVED		
Telephone (508) 270-2582 Fax (508) 872-5415 0 ☐  I am the:  ☐ Applicant/Inventor.  ☐ Assignee of record of the entire interest. See 37 CFR 3.71.  Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)									
SIGNATURE of Applicant or Assignee of Record									
Name Richard D. Allison, Managing Intellectual Property Counsel with Attached Signature Authority Signed by Thomas J. DesRosier, Senior Vice President and General Councer of Genzyma Corporation  Signature									
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Date	人)11).人		-111				ļ		
Submit multiple forms if more	ventors or assignees of record of than one signature is required, se		nterest or their	represe	ntative(s) are	e required.			
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. STATEMENT UNDER 37 CFR 3.73(b) Applicant/weent Owner: Matthew L. Parsons et al. Application No. ਰੀ055,511 Filed/Issue Date: January 23, 2002 Device and Method for the Manipulation of Organs Entitled: Genzyme Corporation a corporation (Type of Assignee, e.g., corporation, partnership, university, government (Name of Assignee) states that it is: the assignee of the entire right, title, and interest; or TECHNOLOGY CENTER R3700 M an assignee of an undivided part interest in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012710, Frame 0187, or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. 2. From: To: The document was recorded in the United States Patent and Trademark Office at \_\_, Frame \_\_\_\_, or for which a copy thereof is attached. 3. From:\_ To:\_ The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8] The undersigned (whose title is supplied below) is empowered to sign tetement on behalf of the assignee. Signature Richard D. Allison Typed or printed name

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Managing Intellectual Property Counsel with Attached Signature Authority

Title



GENZYME CORPORATION
ONE KENDALL SQUARE
CAMBRIDGE, MA 02139-1562, U.S.A.
617-252-7500
FAX 617-252-7600



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JUL 2 2 2002

SIGNATURE AUTHORITY

TECHNOLOGY CENTER hotel

I, Thomas J. DesRosier, Senior Vice President and General Counsel of Genzyme Corporation hereby appoint Madge R. Kanter, Richard Allison, Elizabeth Lassen and Bart G. Newland, all Managing Intellectual Property Counsel of Genzyme Corporation, with full power and authority to transact any and all business before the United States Patent and Trademark Office, and any foreign counterpart patent office, with the powers of a Corporate Officer of Genzyme Corporation.

Date: September 24, 2001

Thomas J. DesRosier, Esquire

Senior Vice President and General Counsel

GENZYME CORPORATION

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Chief Information Officer Washington, DC 20231 www.uspto.gov



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/21/2002

REEL/FRAME: 012710/0187

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PARSONS, MATTHEW L.

DOC DATE: 01/31/2002

ASSIGNOR:

MARTIN, THOMAS E.

DOC DATE: 02/01/2002

ASSIGNEE:

GENZYME CORPORATION
ONE KENDALL SQUARE

CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 10055511

PATENT NUMBER:

FILING DATE: 01/23/2002

ISSUE DATE:

JUL -5 2002

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COPY OF PAPERS

No.: 56440 (71710)

Form PTO-1595 REC U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office 102033197 OMB No. 0651-0027 (exp. 5/31/2002) Tab settings 🔷 🔷 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(jes): 2. Name and address of receiving party(ies) Matthew L. PARSONS P Name: GENZYME CORPORATION Thomas E. MARTIS Internal Address: Additional name(s) of poveying party attached? Tes X No TECHNOLOGY CENTER PS70 3. Nature of conveyance RAD  $\boxtimes$ **Assignment** Merger Street Address: ONE KENDALL SQUARE **Security Agreement** Change of Name Other City: CAMBRIDGE Zip:02139 Execution Date: January 31, 2002, February 1, 2002 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/055,511 Filed: January 23, 2002 Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involve concerning document should be mailed: Name: David G. Conlin 7. Total fee (37 CFR 3.41)......\$ 40-40 Internal Address: EDWARDS & ANGELL, LLP Authorized to be charged to deposit account P.O. BOX 9169 8. Deposit account number: Street Address: 04-1105 (Customer No.: 21874) (Attach duplicate copy of this page if paying by deposit account) City: BOSTON State: MA Zip:02209 DO NOT USE THIS SPACE \$ 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

LISA SWISZCZ HAZZARD

Name of Person Signing

Total number of pages including cover sheet, attachmen

Docket No: 56440 (71710)

Page 1 of 3

### **ASSIGNMENT**

KNOW ALL MEN BY THESE PRESENTS, THAT

WHEREAS, we, Matthew L. Parsons and Thomas E. Martin, (hereinafter designated as the "Assignors"), having invented certain improvements in DEVICE AND METHOD FOR THE MANIPULATION OF ORGANS, for which an application has been filed in the United States Patent and Trademark Office on January 23, 2002 (the "Invention");

WHEREAS, Genzyme Corporation, One Kendall Square, Cambridge, Massachusetts 02139, hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors has sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of Dike, Bronstein, Roberts & Cushman, Intellectual Property Group of EDWARDS & ANGELL, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 31st day of January , 2002.

Matthew L. Parsons

### **CERTIFICATE**

State of Massachusetts County of Bristol

Personally appeared before me the above-named Matthew L. Parsons, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

My Commissioner Expires:

James J. Lally Notary Public

My Commission Expires May 21, 2004

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 1st day of february, 2002.

CERTIFICATE

State of Massachusetts County of BeistoL

Personally appeared before me the above-named Thomas E. Martin, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

My Commissioner Expires:

James J. Lally Notary Public My Commission Expires May 21, 2004

doc #188922

03-27-2002

COPY OF PAPERS ORIGINALLY FILED No.: 56440 (71710)

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To the Honorable Commissioner of Patents and Trade	emarks: Plea	ase record the attach	hed original o	documents or copy	thereof.			
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Docket No: 56440 (71710)

Page 1 of 3

#### **ASSIGNMENT**

KNOW ALL MEN BY THESE PRESENTS, THAT

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IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 31st day of January , 2002

Matthew L. Parsons

#### CERTIFICATE ·

State of Massachusetts
County of Brisne

Personally appeared before me the above-named Matthew L. Parsons, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

NOTARY PUBLIC

My Commissioner Expires:

James J. Lally Notary Public

My Commission Expires May 21, 2004

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 1st day of february, 2002

CERTIFICATE

State of Massachusetts County of BaistoL

Personally appeared before me the above-named Thomas E. Martin, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

My Commissioner Expires:

James J. Lally
Notary Public
My Commission Expires Man

My Commission Expires May 21, 2004

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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

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